查询IRA-E410供应商

PYROELECTRIC INFRARED SENSORS
IRA SERIES

Our pyroelectric infrared sensors exhibit high sensitivity and reliable performance made possible by Murata's ceramic technology.

FEATURES

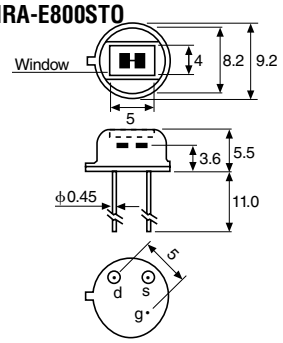
- Precisely detects infrared emissions from the human body
- Designed to prevent malfunction due to external light
- E710 and 910 with immunity to RFI
- New gold plated pins

APPLICATIONS

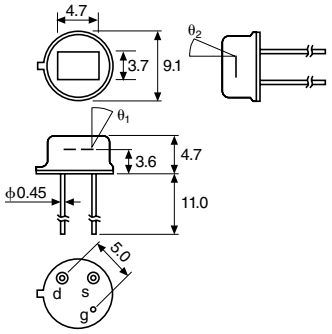
- Burglar alarms
- Human detection devices
- Switches
- Lighting appliances
- Household appliances
- Toys
- Measure temperature
- Flame detection

DIMENSIONS: mm

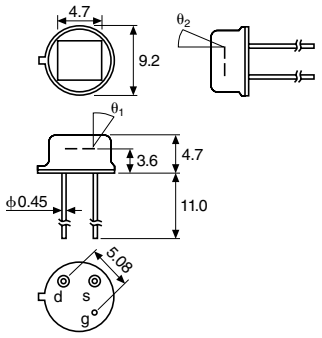
IRA-E500SZ0/IRA-E500ST0/ IRA-E800ST0



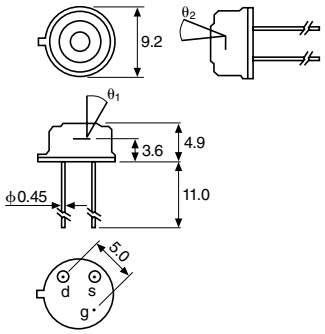
IRA-E700ST0/IRA-E710ST0



IRA-E900ST1/IRA-E910ST1



IRA-E410

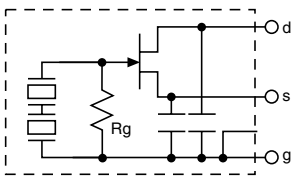


SPECIFICATIONS

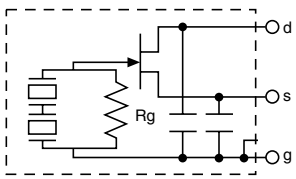
IRA Family	Part Number	Element Type	Optical Wavelength Range	Field of View	Operating Temperature Range	Applications
E400	IRA-E410QW1	Single	4.3μm band pass	17° x 17°	−25 ~ +55°C	Flame detection
	IRA-E410ST1		5 ~ 20μm high pass			Burglar alarms, light controls
	IRA-E410S1		1 ~ 20μm			Temperature measurement
E500	IRA-E500SZ0	Dual	7 ~ 14μm	57° x 57°		Security, with RFI immunity, lighting appliances, toys
	IRA-E500ST0		5 ~ 14μm long pass			
E700	IRA-E700ST0			45° x 45°	−40 ~ +70°C	Burglar alarms, appliances, Burglar alarms with RFI immunity
	IRA-E710ST0					
E800	IRA-E800ST0		5μm	40° x 40°	−40 ~ +70°C	Automatic light control
E900	IRA-E900ST1	Quad	5 ~ 14μm	41° x 41°	−25 ~ +55°C	Burglar alarms, light control appliances with RFI immunity
	IRA-E910ST1					

DIAGRAM

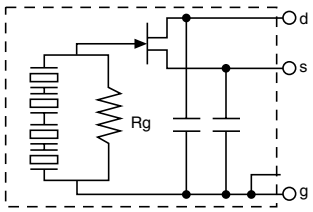
DUAL SENSOR−E500



IRA-E710ST0



IRA-E910ST1



PART NUMBERING SYSTEM

IRA − E□□□ S□□

- IRA: SERIES
- E□□□: FAMILY — 710 and 910 families with RF immunity
- S□□: TYPE

For more detailed information regarding this product line in North America, contact us. To receive additional information on Murata Products call 1-800-831-9172.